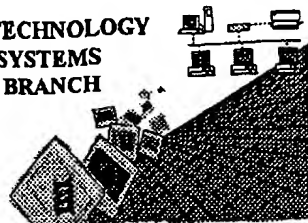




BIOTECHNOLOGY
SYSTEMS
BRANCH



1636

#14

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/586,106C

Source: 1600

Date Processed by STIC: 11/21/2002

RECEIVED

NOV 27 2002

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



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FEB 11 2003
TECH CENTER 1600/2900

Notice to Comply

Application No.

09/574613

Examiner

Konstantina Katcheves

Applicant(s)

Hwang et al.

Art Unit

1636

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/586,106C

DATE: 11/21/2002
TIME: 10:55:30

Input Set : A:\08411-032001.txt
Output Set: N:\CRF4\11212002\I586106C.raw

3 <110> APPLICANT: Wright, David A.
4 Voytas, Daniel F.
6 <120> TITLE OF INVENTION: Plant Retroelements and Methods Related Thereto
8 <130> FILE REFERENCE: P-1065A
10 <140> CURRENT APPLICATION NUMBER: 09/586,106C
11 <141> CURRENT FILING DATE: 2000-06-02
13 <150> PRIOR APPLICATION NUMBER: 60/087,125
14 <151> PRIOR FILING DATE: 1998-05-29
16 <150> PRIOR APPLICATION NUMBER: 09/322,478
17 <151> PRIOR FILING DATE: 1999-05-28
19 <160> NUMBER OF SEQ ID NOS: 190
21 <170> SOFTWARE: PatentIn Ver. 4.0

**Does Not Comply
Corrected Diskette Needed**

ERRORED SEQUENCES

7198 <210> SEQ ID NO: 181
7199 <211> LENGTH: 8 *9 shown below*
7200 <212> TYPE: PRT
7201 <213> ORGANISM: Artificial Sequence
7203 <220> FEATURE:
7204 <223> OTHER INFORMATION: Consensus sequence
8 7206 <221> NAME/KEY: VARIANT
7207 <222> LOCATION: 2
7208 <223> OTHER INFORMATION: Pro or Ser
W--> 7210 <400> 181
W--> 7211 Met Xaa Ser Phe Gly Leu Cys Asn Ala
E--> 7212 1 5

FYI
Use of n or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/586,106C

DATE: 11/21/2002

TIME: 10:55:34

Input Set : A:\08411-032001.txt

Output Set: N:\CRF4\11212002\I586106C.raw

L:7032 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7036 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:166
L:7037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
L:7056 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7060 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:168
L:7061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:0
L:7166 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7170 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:178
L:7171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0
L:7206 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7210 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:181
L:7211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:0
L:7212 M:252 E: No. of Seq. differs, <211> LENGTH:Input:8 Found:9 SEQ:181
L:7222 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7234 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:0
L:7246 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7250 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:183
L:7251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183 after pos.:0
L:7264 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7268 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7272 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7288 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7292 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:0
L:7295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:16
L:7306 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7310 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:185
L:7311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:0
L:7313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:16
L:7315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:32
L:7326 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7330 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:186
L:7331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186 after pos.:0
L:7342 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7346 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:187
L:7350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:187
L:7351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187 after pos.:0
L:7362 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7366 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:188
L:7367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188 after pos.:0
L:7377 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7381 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:189

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/586,106C

DATE: 11/21/2002

TIME: 10:55:34

Input Set : A:\08411-032001.txt

Output Set: N:\CRF4\11212002\I586106C.raw

L:7382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189 after pos.:0